

Title (en)

WORKING FLUID COMPOSITION FOR REFRIGERATOR, REFRIGERATION OIL, AND METHOD FOR PRODUCING SAME

Title (de)

ARBEITSFLÜSSIGKEITZUSAMMENSETZUNG FÜR EINEN KÜHLSCHRANK, KÜHLÖL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

COMPOSITION DE FLUIDE DE TRAVAIL POUR APPAREIL DE RÉFRIGÉRATION, ET HUILE RÉFRIGÉRANTE AINSI QUE PROCÉDÉ DE FABRICATION DE CELLE-CI

Publication

EP 2821464 B1 20210714 (EN)

Application

EP 13754320 A 20130228

Priority

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Abstract (en)

[origin: EP2821464A1] A working fluid composition for a refrigerating machine of the present invention comprises: a refrigerating machine oil comprising a complex ester as a base oil; and a hydrocarbon refrigerant having 2 to 4 carbon atoms, the complex ester being obtainable by further esterifying, with at least one selected from a monohydric alcohol having 1 to 20 carbon atoms and a fatty acid having 2 to 20 carbon atoms, an ester intermediate obtained by reacting a neopentyl polyol with a dibasic acid, and having an acid value of 0.5 mgKOH/g or less, the refrigerating machine oil having a kinematic viscosity at 100°C of 2 to 50 mm²/s.

IPC 8 full level

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Citation (examination)

- EP 2878652 A1 20150603 - JX NIPPON OIL & ENERGY CORP [JP]
- EP 2799527 A1 20141105 - JAPAN SUN OIL COMPANY LTD [JP]

Designated contracting state (EPC)

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